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GE-400 series

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The **GE-400 series** were [time-sharing](#) Information Systems computers by [General Electric](#) introduced in 1964 and shipped until 1968.

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System description [\[edit source \]](#)

The GE-400 series (Compatibles/400) came in models: 415, 425, 435 (1964),^[1] 455 and 465.^[2] GE-400 systems had a word length of **24 bits** which could contain binary data, four six-bit **BCD** characters, or four signed decimal digits. GE-400 systems could have up to 32,768 words (132K characters) of **magnetic-core memory** with a cycle time of 2.7 microseconds (435) or 5.1 microseconds (425). The systems supported up to eight **channels** for input/output.

The **GE 412** (1962)^[3] was an incompatible computer system with a 20-bit word length intended for **process control** applications.^[4]

Unique features [\[edit source \]](#)

GE-400 systems featured a "variable length, relocatable accumulator"^[5] which could be set programmatically to a length of one to four words and relocated to overlay any four adjacent locations in memory (modulo four). "The accumulator can be moved to the data to be processed, rather than moving the data."









Successor systems [[edit source](#)]

The 400 series was succeeded by the incompatible 36-bit [GE-600 series](#).

See also [\[edit source \]](#)

- GE-200 series
- GE-600 series

References [[edit source](#)]

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2. [▲] "Compatibles/400 | 102686873 | Computer History Museum"  . www.computerhistory.org. Retrieved 2018-04-18.
3. [▲] *The European Computer Users Handbook*  . Computer Consultants. 1968. p. 15.
4. [▲] General Electric Company. *GE 412 Programming Manual*   (PDF).
5. [▲] General Electric Company (1963). *GE 425/435 Reference Manual*   (PDF). pp. 1–12: 1–13.

External links [[edit source](#)]

- [GE-400 Time-sharing information systems: Bring a powerful computer to the fingertips of all your people | 102646147 | Computer History Museum](#)
- [General Electric](#)
- [Le Musée Bull Belgique - Luxembourg: GE 400 \(in French\)](#)

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